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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/293,670

TECH CENTER 1600/2900
DATE: 03/30/2000
TIME: 16:13:58

Input Set: I293670.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

ENTERED

PS
#11

1 <110> APPLICANT: Fisher, Joseph
2 Lorens, James
3 Payan, Donald
4 Rossi, Alexander
5 <120> TITLE OF INVENTION: Multiparameter Facs Assays to Detect Alterations in
6 Cellular Parameters and to Screen Small Molecule
7 Libraries
8 <130> FILE REFERENCE: A68104/DJB/RMS/DAV
9 <140> CURRENT APPLICATION NUMBER: US/09/293,670
10 <141> CURRENT FILING DATE: 1999-04-16
11 <160> NUMBER OF SEQ ID NOS: 57
12 <170> SOFTWARE: PatentIn Ver. 2.0
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18 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
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21 1 5 10 15
22 Lys Arg Arg Leu Ile Phe Ser Lys Arg Lys Pro
23 20 25
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27 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
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32 1 5 10 15
33 Lys Arg Arg Leu Ile Phe Ser Lys Arg Lys Pro
34 20 25
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36 <211> LENGTH: 9
37 <212> TYPE: PRT
38 <213> ORGANISM: Artificial Sequence
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43 1 5
44 <210> SEQ ID NO 4

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47 <213> ORGANISM: Artificial Sequence
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53 <210> SEQ ID NO 5
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60 Pro Lys Lys Met Leu Gln Leu Val Gly Val Thr
61 20 25
62 <210> SEQ ID NO 6
63 <211> LENGTH: 28
64 <212> TYPE: PRT
65 <213> ORGANISM: Mouse
66 <400> SEQUENCE: 6
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69 Asp Arg Phe Met Gln Asn Ser Cys Val Pro Lys Lys
70 20 25
71 <210> SEQ ID NO 7
72 <211> LENGTH: 27
73 <212> TYPE: PRT
74 <213> ORGANISM: Mouse
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77 1 5 10 15
78 Leu Leu Gln Glu Thr Met Tyr Met Thr Val Ser
79 20 25
80 <210> SEQ ID NO 8
81 <211> LENGTH: 27
82 <212> TYPE: PRT
83 <213> ORGANISM: Mouse
84 <400> SEQUENCE: 8
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88 20 25
89 <210> SEQ ID NO 9
90 <211> LENGTH: 18
91 <212> TYPE: PRT
92 <213> ORGANISM: Mouse
93 <400> SEQUENCE: 9
94 Met Ser Val Leu Arg Gly Lys Leu Gln Leu Val Gly Thr Ala Ala Met

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102     <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
103     <300> PUBLICATION INFORMATION:
104     <303> JOURNAL: EMBO J.
105     <304> VOLUME: 13
106     <305> ISSUE: 22
107     <306> PAGES: 5303-5309
108     <307> DATE: 1994
109     <400> SEQUENCE: 10
110     Met Gly Cys Ala Ala Leu Glu Ser Glu Val Ser Ala Leu Glu Ser Glu
111         1          5          10          15
112     Val Ala Ser Leu Glu Ser Glu Val Ala Ala Leu Gly Arg Gly Asp Met
113         20          25          30
114     Pro Leu Ala Ala Val Lys Ser Lys Leu Ser Ala Val Lys Ser Lys Leu
115         35          40          45
116     Ala Ser Val Lys Ser Lys Leu Ala Ala Cys Gly Pro Pro
117         50          55          60
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137         20          25          30
138     Lys His Asn Lys Tyr Thr Thr Glu Tyr Ser Ala Ser Val Lys Gly Arg
139         35          40          45
140     Tyr Ile Val Ser Arg Asp Thr Ser Gln Ser Ile Leu Tyr Leu Gln Lys
141         50          55          60
142     Lys Lys Gly Pro Pro
143         65
144     <210> SEQ ID NO 13

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145 <211> LENGTH: 7
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147 <213> ORGANISM: Monkey virus
148 <300> PUBLICATION INFORMATION:
149 <301> AUTHORS: Kalderon et al.,
150 <303> JOURNAL: Cell
151 <304> VOLUME: 39
152 <306> PAGES: 499-509
153 <307> DATE: 1984
154 <400> SEQUENCE: 13
155 Pro Lys Lys Lys Arg Lys Val
156 1 5
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158 <211> LENGTH: 6
159 <212> TYPE: PRT
160 <213> ORGANISM: Homo sapiens
161 <400> SEQUENCE: 14
162 Ala Arg Arg Arg Arg Pro
163 1 5
164 <210> SEQ ID NO 15
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167 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
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170 <300> PUBLICATION INFORMATION:
171 <301> AUTHORS: Ghosh et al.,
172 <303> JOURNAL: Cell
173 <304> VOLUME: 62
174 <306> PAGES: 1019-
175 <307> DATE: 1990
176 <400> SEQUENCE: 15
177 Glu Glu Val Gln Arg Lys Arg Gln Lys Leu
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179 <210> SEQ ID NO 16
180 <211> LENGTH: 9
181 <212> TYPE: PRT
182 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
185 <300> PUBLICATION INFORMATION:
186 <301> AUTHORS: Nolan et al.,
187 <303> JOURNAL: Cell
188 <304> VOLUME: 64
189 <305> ISSUE: 961
190 <307> DATE: 1991
191 <400> SEQUENCE: 16
192 Glu Glu Lys Arg Lys Arg Thr Tyr Glu
193 1 5
194 <210> SEQ ID NO 17

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195 <211> LENGTH: 20
196 <212> TYPE: PRT
197 <213> ORGANISM: African clawed toad
198 <300> PUBLICATION INFORMATION:
199 <301> AUTHORS: Dingwell et al.,
200 <303> JOURNAL: Cell
201 <304> VOLUME: 30
202 <306> PAGES: 449-458
203 <307> DATE: 1982
204 <300> PUBLICATION INFORMATION:
205 <301> AUTHORS: Dingwell et al.,
206 <303> JOURNAL: J. Cell Biol.
207 <304> VOLUME: 107
208 <306> PAGES: 641-849
209 <307> DATE: 1988
210 <400> SEQUENCE: 17
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212         1             5             10             15
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214             20
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221 <300> PUBLICATION INFORMATION:
222 <301> AUTHORS: Nakauchi et al.,
223 <303> JOURNAL: Proc. Natl. Acad. Sci. U.S.A.
224 <304> VOLUME: 82
225 <306> PAGES: 5126-
226 <307> DATE: 1985
227 <400> SEQUENCE: 18
228     Met Ala Ser Pro Leu Thr Arg Phe Leu Ser Leu Asn Leu Leu Leu Leu
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231             20             25             30
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238 <300> PUBLICATION INFORMATION:
239 <301> AUTHORS: Staunton et al.,
240 <303> JOURNAL: Nature
241 <304> VOLUME: 339
242 <306> PAGES: 61-
243 <307> DATE: 1989
244 <400> SEQUENCE: 19

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Please Note:

Use f n and/or Xaa have been detected in the Sequenc Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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VERIFICATION SUMMARY
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Line ? Error/Warning

Original Text

638 W "N" or "Xaa" used: Feature required

Met Gly Xaa Xaa Xaa Xaa Gly Gly Pro Pro